

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court

Louisville Colorado 80027 United States

Sample Name:	251001-54110 - Composite	Eurofins Sample:	15796003
Project ID	CHARLO_WEB-20251002-0333	Receipt Date	06-Oct-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	8 g	Login Date	02-Oct-2025
Description	CW Calm Gummy Bulk	Date Started	06-Oct-2025
	NA	Sampled	Sample results apply as received
	MFG: October 01 2025	Online Order	901-2025-E086645
	EXP: October 01 2027		

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	None detected at detection limit of 0.0004 %
CBDV	<0.00250 %
CBDA	<0.00250 %
CBGA	None detected at detection limit of 0.0004 %
CBG	<0.00250 %
CBD	0.143 %
THCV	None detected at detection limit of 0.0008 %
CBN	<0.00250 %
Delta 9-THC	0.00350 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	0.00609 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	0.153 %
Total THC (THC + (THCA x 0.877))	0.00350 %
Total CBD (CBD + (CBDA x 0.877))	0.143 %
Compliance	Analysis performed for compliance testing
Total THC (THC + (THCA x 0.877))	0.000 mg/container
Total CBD (CBD + (CBDA x 0.877))	0.000 mg/container

* This analysis or component is not ISO accredited.

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Analysis	Result
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Elements by ICP Mass Spectrometry

Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb

Elements by ICP Mass Spectrometry - Colorado Compliance Statement *

Compliance	Analysis performed to demonstrate compliance with CDPHE regulation.
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Mycotoxins in Raw Materials

Aflatoxin B1	<0.500 ppb
Aflatoxin B2	<0.500 ppb
Aflatoxin G1	<0.500 ppb
Aflatoxin G2	<0.500 ppb
Ochratoxin A	<1.00 ppb
Sum of Aflatoxins B1, B2, G1, and G2	<2.00 ppb

Compliance *	Analysis performed to demonstrate compliance with CDPHE regulation.
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Glyphosate and AMPA

Glyphosate	<10.0 ng/g
AMPA	<10.0 ng/g

Analysis	Limit	Result	Pass/Fail
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Residual Solvent Analysis in Cannabis and Hemp Matrices

Category I Residual Solvent or Processing Chemical

Benzene	<1.0 ppm
Chloroform	<1.0 ppm
1,2-Dichloroethane	<1.0 ppm
Ethylene Oxide	<25.0 ppm
Methylene Chloride	<1.0 ppm
Trichloroethylene	<1.0 ppm

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Analysis	Limit	Result	Pass/Fail
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Residual Solvent Analysis in Cannabis and Hemp Matrices

The BCC limit of 1 ppm for Ethylene Oxide is not achieved by this method. Reporting limit of 25 ppm is the limit recommended by the AOAC CASP. *

Category II Residual Solvent or Processing Chemical

Acetone		<180 ppm	
Acetonitrile		<180 ppm	
n-Butane		<500 ppm	
Ethanol		<1000 ppm	
Ethyl Acetate		<1000 ppm	
Ethyl Ether		<1000 ppm	
Heptane		<50.0 ppm	
n-Hexane		<30.0 ppm	
Methanol		<1000 ppm	
n-Pentane		<25.0 ppm	
Propane		<1000 ppm	
Isopropyl Alcohol		<1000 ppm	
Toluene		<85.0 ppm	
Xylenes (ortho-, meta-, para-)		<160 ppm	

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. *
Compliance *

Analysis performed to demonstrate compliance with CDPHE regulation.

Multi-Residue Analysis for hemp products

Cyprodinil	<0.01 mg/kg	<0.01 mg/kg	Pass
Dichlorvos	<0.05 mg/kg	<0.05 mg/kg	Pass
Dimethoate	<0.01 mg/kg	<0.01 mg/kg	Pass
Fluopyram	<0.01 mg/kg	<0.01 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products			
Methiocarb	<0.01 mg/kg	<0.01 mg/kg	Pass
Aldicarb	<0.5 mg/kg	<0.10 mg/kg	Pass
Kinoprene	<1.25 mg/kg	<1.25 mg/kg	Pass
Kresoxim-methyl	<0.15 mg/kg	<0.15 mg/kg	Pass
Thiamethoxam	<0.01 mg/kg	<0.01 mg/kg	Pass
Endosulfan I (alpha-isomer)	<2.5 mg/kg	<0.10 mg/kg	Pass
Dinotefuran	<0.05 mg/kg	<0.05 mg/kg	Pass
Methomyl	<0.025 mg/kg	<0.02 mg/kg	Pass
Mevinphos (E- and Z-isomers)	<0.025 mg/kg	<0.02 mg/kg	Pass
Propoxur	<0.01 mg/kg	<0.01 mg/kg	Pass
Clofentezine	<0.01 mg/kg	<0.01 mg/kg	Pass
Etridiazole	<0.15 mg/kg	<0.10 mg/kg	Pass
Bifenazate	<0.01 mg/kg	<0.01 mg/kg	Pass
Novaluron	<0.025 mg/kg	<0.02 mg/kg	Pass
Oxamyl	<1.5 mg/kg	<0.05 mg/kg	Pass
Flonicamid	<0.025 mg/kg	<0.02 mg/kg	Pass
Acetamiprid	<0.05 mg/kg	<0.01 mg/kg	Pass
Allethrin	<0.1 mg/kg	<0.10 mg/kg	Pass
Metalaxyl	<0.01 mg/kg	<0.01 mg/kg	Pass
Chlorpyrifos	<0.5 mg/kg	<0.05 mg/kg	Pass
Spinosad (spinosyns A and D)	<0.01 mg/kg	<0.01 mg/kg	Pass
Teflubenzuron	<0.025 mg/kg	<0.02 mg/kg	Pass
Thiacloprid	<0.01 mg/kg	<0.01 mg/kg	Pass
Azoxystrobin	<0.01 mg/kg	<0.01 mg/kg	Pass
Trifloxystrobin	<0.01 mg/kg	<0.01 mg/kg	Pass
Pyraclostrobin	<0.01 mg/kg	<0.01 mg/kg	Pass
Imazalil	<0.01 mg/kg	<0.01 mg/kg	Pass
Tetrachlorvinphos	<0.01 mg/kg	<0.01 mg/kg	Pass
Endosulfan sulfate	<2.5 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products			
Carbofuran	<0.01 mg/kg	<0.01 mg/kg	Pass
The Pass/Fail reporting designations are in Compliance with the Colorado Department of Public Health and Environment Regulation No. 6 CCR 1010-21			
Piperonyl butoxide	<1.25 mg/kg	<0.05 mg/kg	Pass
Fipronil	<0.01 mg/kg	<0.01 mg/kg	Pass
Acephate	<0.05 mg/kg	<0.01 mg/kg	Pass
Spirotetramat	<0.01 mg/kg	<0.01 mg/kg	Pass
Benzovindiflupyr	<0.01 mg/kg	<0.01 mg/kg	Pass
Fenthion	<0.01 mg/kg	<0.01 mg/kg	Pass
Myclobutanil	<0.01 mg/kg	<0.01 mg/kg	Pass
Abamectin	<0.25 mg/kg	<0.10 mg/kg	Pass
Iprodione	<0.5 mg/kg	<0.50 mg/kg	Pass
Clothianidin	<0.025 mg/kg	<0.02 mg/kg	Pass
Ethoprophos (Ethoprop)	<0.01 mg/kg	<0.01 mg/kg	Pass
Fenoxycarb	<0.01 mg/kg	<0.01 mg/kg	Pass
Fensulfothion	<0.01 mg/kg	<0.01 mg/kg	Pass
Azadirachtin	<0.5 mg/kg	<0.50 mg/kg	Pass
Carbaryl	<0.025 mg/kg	<0.02 mg/kg	Pass
Fludioxonil	<0.01 mg/kg	<0.01 mg/kg	Pass
Resmethrin (sum of isomers)	<0.05 mg/kg	<0.05 mg/kg	Pass
Chlorfenapyr	<1.5 mg/kg	<0.50 mg/kg	Pass
Spinetoram (spinosyns J and L)	<0.01 mg/kg	<0.01 mg/kg	Pass
Endosulfan II (beta-isomer)	<2.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	<0.01 mg/kg	<0.01 mg/kg	Pass
Paclobutrazol	<0.01 mg/kg	<0.01 mg/kg	Pass
Pirimicarb	<0.01 mg/kg	<0.01 mg/kg	Pass
Pyridaben	<0.02 mg/kg	<0.02 mg/kg	Pass
Imidacloprid	<0.01 mg/kg	<0.01 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products			
Malathion	<0.01 mg/kg	<0.01 mg/kg	Pass
Coumaphos	<0.01 mg/kg	<0.01 mg/kg	Pass
Cyantraniliprole	<0.01 mg/kg	<0.01 mg/kg	Pass
Tebuconazole	<0.01 mg/kg	<0.01 mg/kg	Pass
Tebufozide	<0.01 mg/kg	<0.01 mg/kg	Pass
Atrazine		<0.01 mg/kg	
Bifenthrin		<0.10 mg/kg	
Buprofezin		<0.02 mg/kg	
Chlorantraniliprole		<0.02 mg/kg	
Cyfluthrin		<0.50 mg/kg	
Cyhalothrin, lambda-		<0.50 mg/kg	
Cypermethrin		<0.50 mg/kg	
Deltamethrin		<0.10 mg/kg	
Diazinon		<0.02 mg/kg	
Dimethomorph (E- and Z-isomers)		<0.10 mg/kg	
Diuron		<0.01 mg/kg	
Dodemorph (cis- and trans-)		<0.10 mg/kg	
Etofenprox		<0.02 mg/kg	
Etoxazole		<0.01 mg/kg	
Fenpyroximate		<0.01 mg/kg	
Fenvalerate/Esfenvalerate (sum of isomers)		<0.10 mg/kg	
Hexythiazox		<0.05 mg/kg	
MGK 264 (sum of isomers)		<0.05 mg/kg	
Naled (Dibrom)		<0.02 mg/kg	
Parathion-methyl		<0.05 mg/kg	
Permethrin (sum of isomers)		<0.10 mg/kg	
Phosmet		<0.05 mg/kg	
Prallethrin		<0.50 mg/kg	
Propiconazole (sum of isomers)		<0.05 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products

Pyriproxyfen		<0.05 mg/kg	
Quintozene		<0.05 mg/kg	
Spirodiclofen		<0.05 mg/kg	
Spiromesifen		<0.02 mg/kg	
Spiroxamine (2 diastereoisomers)		<0.01 mg/kg	
Tetramethrin (sum of isomers)		<1.0 mg/kg	
Thiabendazole		<0.05 mg/kg	
Thiophanate-methyl		<0.01 mg/kg	
Acequinocyl		<0.50 mg/kg	
Methoprene		<1.0 mg/kg	
Phenothrin		<0.50 mg/kg	
Pyrethrin I		<0.05 mg/kg	
Pyrethrin II		<0.05 mg/kg	

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminozide

Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid	10 mg/kg	<0.10 mg/kg	Pass

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

Method References	Testing Location
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Elements by ICP Mass Spectrometry - Colorado Compliance Statement (ICPMS_CO_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Compliance statement only.

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).

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Method References	Testing Location
Glyphosate and AMPA (GLY_AMPA_S) Internally developed method	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Industrial Hemp Cannabinoid Profile (IHCBD_CO_S) Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified). <i>CEN Standard Method EN 15662</i> : Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method. List of the tested pesticides and their limits of quantification (LOQs) are available upon request.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Multi-Residue Analysis for hemp products (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified). <i>CEN Standard Method EN 15662</i> : Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method. List of the tested pesticides and their limits of quantification (LOQs) are available upon request.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Mycotoxins in Raw Materials (MYCO_REG_S) Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S) Internally Developed Method	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

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Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Eurofins Rapid Microbiology Laboratory (Colorado)

1371 Horizon Avenue
Lafayette, Colorado 80026
+1 720-758-6010
Micro-Colorado@eurofinsUS.com

CW Hemp - 01

Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-020659-01

Client Code: EI0000238
PO#: QC 325

Received On: 07Oct2025
Reported On: 16Oct2025

Order Code: 006-10547-2168057

Eurofins Sample Code:	397-2025-10070010	Sample Registration Date:	07Oct2025
Client Sample Code:	251001-56110-60 - Composite	Condition Upon Receipt:	acceptable, 16.1°C
Sample Description:	CW Calm Gummy 60ct	Sample Reference:	

UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 09Oct2025
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Parameter	Result
Total Coliforms	< 10 cfu/g
E. coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 08Oct2025
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Parameter	Result
Salmonella spp.	Not Detected per 25 g

UMJI2 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 12Oct2025
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Parameter	Result
Yeast	< 10 cfu/g
Mold	< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 09Oct2025
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

ZMBAR - Shiga toxin-Producing Escherichia coli - AOAC-RI 022003	Reference AOAC-RI 022003	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 08Oct2025
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Parameter	Result
Shiga-toxin Escherichia coli producer	Not Detected per sample

CW Hemp - 01

Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-020659-01

Client Code: EI0000238
PO#: QC 325

Received On: 07Oct2025
Reported On: 16Oct2025

Order Code: 006-10547-2168057

Respectfully Submitted,



Jake Gilgen
Assistant Laboratory Manager

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | A number or a √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon